

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-26 Canceled

27. (Original) A method of treating an aneurysm, comprising the steps of:

providing a cover which is positioned around an expandable element in a collapsed position, the cover being covered by a sheath;

advancing the cover to an aneurysm in a patient with the cover in the collapsed position;

withdrawing the sheath to expose the cover;

expanding the expandable member thereby expanding the cover, the cover expanding to an expanded condition, the cover being positioned over a neck of the aneurysm.

28. (Original) The method of claim 27, wherein:

the providing step is carried out with the cover being wrapped around the expandable element without creating folds when collapsed.

29. (Original) The method of claim 27, wherein:

the expanding step is carried out with the cover engaging a wall of the parental vessel around the neck of the aneurysm.

30. (Original) The method of claim 27, wherein:

the expanding step is carried out with the cover being attached to the wall.

31. (Original) The method of claim 30, wherein:

the providing step is carried out with an adhesive positioned on an outer surface of the cover and protected by the sheath during the advancing step.

32. (Original) The method of claim 27, wherein:
the expanding step is carried out with the cover extending no more than half the circumference of the vessel.

33. (Original) The method of claim 27, wherein:
the expanding step is carried out with the cover extending no more than one third the circumference of the vessel.

34. (Original) The method of claim 27, wherein:
the providing step is carried out with the cover having a metallic frame structure and an impermeable portion mounted to the frame, the impermeable portion being positioned to cover the neck of the aneurysm after the inflating step.

35. (Original) The method of claims 27, wherein:
the providing step is carried out with the sheath being folded over itself at a distal end; and
the exposing step is carried out with the sheath being pulled back over itself.

36. (Original) The method of claim 27, wherein:
the providing step is carried out with the sheath comprising PTFE.

37. (Original) The method of claim 27, wherein:
the cover is mounted to a delivery catheter, the delivery catheter having a single lumen; and
the advancing step is carried out with the device being advanced over a guidewire extending through the single lumen.

38. (Original) A device for treating an aneurysm, comprising:
a cover for covering a neck of an aneurysm
a delivery catheter having an expandable element and a sheath, the cover
being mounted around the expandable element, the sheath being retractable and overlying
the cover thereby trapping the cover between the sheath and expandable element, the
sheath being movable to a position in which the cover is exposed to permit expansion of
the expandable element and the cover.

39. (Original) The device of claim 38, wherein:
the delivery catheter has a longitudinal axis; and
the cover is wrapped around the balloon in the collapsed position without
folds.

40. (Original) The device of claim 38, further comprising:
an adhesive on an outer surface of the cover.

41. (Original) The method of claim 38, wherein:
the cover has a metallic frame and an impermeable portion mounted to the
frame which covers the neck of the aneurysm.

42. (Original) The method of claims 38, wherein:
the sheath is folded over itself at a distal end, the sheath being pulled back
when exposing the cover.

43. (Original) The method of claim 38, wherein:
the sheath comprises PTFE.

44. (Original) The method of claim 38, wherein:
the delivery catheter has a single lumen which receives a guidewire.

45. (Original) A device for treating an aneurysm, comprising:
a proximal hub;
a distal hub; and
a plurality of filaments extending between the proximal and distal hubs,
the filaments biasing the proximal and distal hubs towards one another when moving
from a collapsed position to an expanded position.

46. (Original) The device of claim 45, wherein:
the plurality of filaments are 2-16 filaments.

47. (Original) The device of claim 45, wherein:
the plurality of filaments form a generally concave surface which covers a
neck of an aneurysm when positioned in the aneurysm.

48. (Original) The device of claim 45, wherein:
the plurality of filaments form a generally convex surface opposite the
concave surface.

49. (Original) The device of claim 45, further comprising:
a catheter having a lumen; and
a manipulator extending through the lumen and contacting the proximal
hub.

50. (Original) The device of claim 45, further comprising:
a source of power coupled to the manipulator.

51. (Original) The device of claim 50, wherein:
the source of power is an RF generator.

Claims 52-58 Canceled